



## Product description

### Application range

- For highly flexible applications

### Product Make-up

- Stranded bare conductor
- Screening: wrapped with braided copper wires
- PUR outer sheath
- Colour: violet (RAL 4001)
- UV-resistant (but colour may change after some time)

### Norm references / Approvals

- Standardised internationally in ISO 11898
- UL/CSA type CMX (UL 444)

### Product features

- Halogen-free outer sheath

- Maximum bit rate: 1 Mbit/s for 40 m segment length
- Larger conductor cross-section is necessary with increasing length. Refer to the table below (reference values from ISO 11898).
- ISO 11898 makes recommendations for the segment length, cable cross section and bit rate
- Flame-retardant according IEC 60332-1-2

## Technical Data

Mutual capacitance	(800 Hz): max. 60 nF/km
Peak operating voltage	250 V (not for power transmission)
Conductor resistance	(loop): max. 159.8 ohm/km
Minimum bending radius	Flexing: 15 x outer diameter
Test voltage	Core/core: 1500 V rms
Temperature range	Fixed installation: -40°C to +80°C Flexing: -30°C to +70°C
Characteristic impedance	120 ohm